

Title (en)
INK- JET PRINTING METHOD

Title (de)
TINTENSTRAHLDRUCKVERFAHREN

Title (fr)
PROCÉDÉ D'IMPRESSION À JET D'ENCRE

Publication
EP 2675627 B1 20150506 (EN)

Application
EP 12708153 A 20120214

Priority
• GB 201102548 A 20110214
• GB 201109746 A 20110610
• GB 2012050329 W 20120214

Abstract (en)
[origin: WO2012110802A1] The present invention provides a method of inkjet printing comprising the following steps, in order: (i) providing a hybrid inkjet ink comprising an organic solvent, a radiation-curable material, a photoinitiator and optionally a colorant; (ii) printing the ink on to a substrate; (iii) pinning the ink by exposing the ink to actinic radiation at a dose of 1-200 mJ/cm²; (iv) evaporating at least a portion of the solvent from the ink; and (v) exposing the ink to additional actinic radiation to cure the ink.

IPC 8 full level
B41J 11/00 (2006.01); **B41M 5/00** (2006.01); **B41M 7/00** (2006.01)

CPC (source: EP US)
B41M 7/0081 (2013.01 - EP US); **B41M 5/0023** (2013.01 - EP US)

Cited by
GB2518551B; EP3444119A1; US10507675B2; US10180248B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2012110802 A1 20120823; CN 103547458 A 20140129; CN 103547458 B 20160120; EP 2675627 A1 20131225; EP 2675627 B1 20150506; JP 2014511288 A 20140515; JP 5947817 B2 20160706; US 2014063154 A1 20140306; US 9573389 B2 20170221

DOCDB simple family (application)
GB 2012050329 W 20120214; CN 201280012952 A 20120214; EP 12708153 A 20120214; JP 2013553032 A 20120214; US 201213983019 A 20120214